

19990403.qrp v01_n415.qrl.990403

Date: Sat, 3 Apr 1999 19:03:23 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1415

QRP-L Digest 1415

Topics covered in this issue include:

- 1) [37181] QRP test
by Tim Pettibone <tpettibo@NMSU.Edu>
- 2) [37182] Laser beam dipole
by Jim Hale <kj5tf@yahoo.com>
- 3) [37183] Re: CW Groups
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 4) [37184] Re: Laser beam dipole
by "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
- 5) [37185] Re: CW Groups
by Jim <w7ls@blarg.net>
- 6) [37186] Re: Laser beam dipole
by Jim <w7ls@blarg.net>
- 7) [37187] OOPS--I *meant* VQ9VX :-)
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 8) [37188] contest this weekend??
by Mighty Mik <mitymik@hooked.net>
- 9) [37189] Money Conversion Web site ?
by KF4EIB@aol.com
- 10) [37190] QRP
by HWRM1SS@aol.com
- 11) [37191] RE: QRP
by "Andreas Junge" <andreas@atltech.com>
- 12) [37192] Re: Money Conversion Web site ?
by Harvey Laidman <HarveyL@OutaDaLoop.com>
- 13) [37193] NON-SKID PADDLE PAD
by Brad Bradfield <b_bradfield@yahoo.com>
- 14) [37194] Money Conversion....Sorry I asked
by KF4EIB@aol.com
- 15) [37195] SV: OOPS--I *meant* VQ9VX :-)
by "Hans =?ISO-8859-1?Q?Sundstr=F6m"?= <hans.sundstrom@telia.com>
- 16) [37196] lightning protection
by "Greg % Rose Gryckiewicz" <rfg@acsu.buffalo.edu>
- 17) [37197] Advice
by "Arthur Brown" <brown@cam-walnet.com>
- 18) [37198] QRP Forum at SEAPAC - Seaside, OR
by "Bill Todd" <bill@willapabay.org>
- 19) [37199] Re: NON-SKID PADDLE PAD

- by "Richard Brummer" <obvious@bestweb.net>
- 20) [37200] Re: Laser beam dipole
by Jess Gypin <jessgrp@concentric.net>
- 21) [37201] RE: Money Conversion Web site ?
by "Roger A. McCarty" <rmccarty@earthlink.net>
- 22) [37202] Re: Special Gusher Deal
by Joe Everhart <n2cx@voicenet.com>
- 23) [37203] Re: Laser beam dipole
by "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
- 24) [37204] Re: Laser beam dipole
by Hank Kohl K8DD <k8dd@contesting.com>
- 25) [37205] passing grade on theory tests
by Andy C Meng <andymeng@juno.com>
- 26) [37206] Re: Where to find K2 Radio
by "Tom H" <biskit@snip.net>
- 27) [37207] Re: lightning protection
by Pete Burbank <plburbank@kih.net>
- 28) [37208] Re: Missing 180K resistors, the answer
by "Larry Przyborowski" <lprzyski@erols.com>
- 29) [37209] NON-SKID PADDLE PAD FOLLOW-UP
by Brad Bradfield <b_bradfield@yahoo.com>
- 30) [37210] Re: Laser beam dipole
by mike Dooley <msdooley@airmail.net>
- 31) [37211] SST VS SW30
by "Todd Carpenter" <carpentt@citrine.indstate.edu>
- 32) [37212] Vacuum Variable question
by Bob Kellogg <ae4ic@nr.infi.net>
- 33) [37213] [OT] Need TH-205AT manual
by The Boices <boice@bigfoot.com>
- 34) [37214] The flames start here...
by pmk@juno.com
- 35) [37215] WTB: Basic Wilderness Sierra
by "Kelly Ellison" <kelman@dialnet.net>
- 36) [37216] Re: NON-SKID PADDLE PAD
by Ron Stark <ku7y@dri.edu>
- 37) [37217] Re: Laser beam dipole
by "George T. Baker" <w5yr@swbell.net>
- 38) [37218] Re: Laser beam dipole
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 39) [37219] Re: NON-SKID PADDLE PAD
by Paul Harden <pharden@aoc.nrao.edu>
- 40) [37220] Re: lightning protection
by Bill B Lazure <n2tpa@juno.com>
- 41) [37221] Re: NON-SKID PADDLE PAD
by DYARNES@aol.com
- 42) [37222] Re: NON-SKID PADDLE PAD
by Pete Burbank <plburbank@kih.net>
- 43) [37223] Re: NON-SKID PADDLE PAD

- by "dor" <elbc@pivot.net>
- 44) [37224] VERMONT portable next week
by "The Gritzmacher Family" <ae2t@bigfoot.com>
- 45) [37225] Re: Laser beam dipole
by K4AHK@ix.netcom.com
- 46) [37226] Re: CW Groups
by "Francis Callahan" <colcal@srv.net>
- 47) [37227] Re: heard VE3FAL last night
by Fred Lesnick <flesnick@tbaytel.net>
- 48) [37228] Re: QRP test
by Bruce Rattray <rattray@gpfn.sk.ca>
- 49) [37229] Re: SW 30 and RTTY
by John R Kirby <n3aaz-qrp@juno.com>
- 50) [37230] Solar Station
by "Ron Polityka" <wb3aal@talon.net>
- 51) [37231] Re: CW Groups
by John R Kirby <n3aaz-qrp@juno.com>
- 52) [37232] 12V Flourescents
by Bruce T Hopkins <KL7H_C6A@compuserve.com>
- 53) [37233] FDIIM Attendees (long)
by "Kenneth W. Evans" <w4du@bellsouth.net>
- 54) [37234] SST VS SW30
by Tim and Aretta Gordish <kb9lgj@leogate.kf9ug.ampr.org>
- 55) [37235] Propagation Reflector (long)
by "James R. Duffey" <jamesd1@flash.net>
- 56) [37236] 38S, etc
by spoon@kodak.com
- 57) [37237] Re: CW Groups 10.235
by w4bws@juno.com
- 58) [37238] FDIIM Tickets???
by Jerry Henshaw <jhenshaw@bellsouth.net>
- 59) [37239] Re: Vacuum Variable question
by K2UD@aol.com
- 60) [37240] WTB: Unbuilt kit or two
by "Shannon Dew" <s.dew@worldnet.att.net>
- 61) [37241] 2 WAY QRPp NC Core Banks to DL(Was Re: distance)
by George Gingell <k3tks@u1.abs.net>
- 62) [37242] Hello
by "Josh Gould" <kc8eqa@columbus.rr.com>
- 63) [37243] Corrected Email Address
by George Gingell <k3tks@u1.abs.net>
- 64) [37244] Re: Missing 180K resistors, the answer
by "Ross S. Crossland" <rossgolf@flash.net>
- 65) [37245] Re: Hello
by "Gary Ingram" <kb7fci@cdsnet.net>
- 66) [37246] Re: Solar Station
by "Bill Todd" <bill@willapabay.org>
- 67) [37247] Re: NON-SKID PADDLE PAD

- by Dean W Manley <kh6b@juno.com>
- 68) [37248] Laser Beam Dipole / Fact or Fantasy ??
by Dave Barrett <DBarrett@creo.com>
- 69) [37249] DON'T FORGET! QRP ARCI TEST NEXT WEEKEND
by Jim NOUR <n0ur@yahoo.com>
- 70) [37250] NC20 tips
by Gary L Surrency <gsurrency@juno.com>
- 71) [37251] NC/20 Gota love this rig
by pmk@juno.com
- 72) [37252] Re: SW 30 and RTTY
by "Todd Carpenter" <carpentt@citrine.indstate.edu>
- 73) [37253] Re: AADE L/C meter
by hw.merz@t-online.de (Hanns W. Merz)
- 74) [37254] Re: HOFI (German) antenna switches
by hw.merz@t-online.de (Hanns W. Merz)
- 75) [37255] Spring Bouquet - April 3/99
by Bruce Rattray <rattray@gpfn.sk.ca>
- 76) [37256] Weller WTCPT
by "Art Neilson, KH7PZ" <art@hawaii.rr.com>
- 77) [37257] sw30+
by Richard Rood <fcs@juno.com>
- 78) [37258] Tone Test
by "Art Neilson, KH7PZ" <art@hawaii.rr.com>
- 79) [37259] Re: Laser beam dipole
by Terry Bassett <mutabut@net66.com>
- 80) [37260] How to tune a GAP Titan, need help
by "Peter Zenker" <Peter_DL2FI@csi.com>
- 81) [37261] HP Educator's Corner website.
by "Vincent Ferme" <vferme@sprint.ca>
- 82) [37262] Multimeter
by "Chuckee" <cdhamel@pdq.net>
- 83) [37263] 10m rig?
by Tim Pettibone <tpettibo@NMSU.Edu>
- 84) [37264] Wtb:6 mtr qrp
by Airframe68@aol.com
- 85) [37265] [CQ-Contest] Fwd: 40m single letter beacons (fwd)
by Paul Erickson <paule@sfu.ca>
- 86) [37266] FDI Tickets
by "Kenneth W. Evans" <w4du@bellsouth.net>
- 87) [37267] Last Try --- Trade 30M for 40M
by "Tim Cook" <timcook@erinet.com>
- 88) [37268] Recommendation for DMM?
by Jim Lowman <jmlowman@ix.netcom.com>
- 89) [37269] Sierra Latch Mod
by W0rw@kktv.com
- 90) [37270] NC40 mods
by Roy <marion@montana.com>
- 91) [37271] Tonights(April 04/99Z)Spring Bouquet Scedule for VE3FAL

by Fred Lesnick <flesnick@tbaytel.net>
92) [37272] Re: Recommendation for DMM?
by "Hugo W. Catta" <hugo@banet.net>

Date: Fri, 2 Apr 1999 16:59:32 -0700
From: Tim Pettibone <tpettibo@NMSU.Edu>
To: qrp-l@lehigh.edu
Subject: [37181] QRP test
Message-ID: <199904022359.QAA123304@nestor.NMSU.Edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I know I probably trashed the info but what's the QRP Test I hear on today?

Tim K50I
Las Cruces, NM
QRP-L#73

Date: Fri, 2 Apr 1999 16:14:31 -0800 (PST)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [37182] Laser beam dipole
Message-ID: <19990403001431.18459.rocketmail@web707.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Has anyone else seen the report of a laser dipole antenna? I think it was in the latest CQ magazine.

My friend sent me a diagram of the matching network for this laser beam antenna. Very interesting that a laser can conduct RF - I had no idea.

Might be fun to play with, maybe something good for the future. And a great thing for those with covenants or restrictions on outside antennas where they live.

I have bitmap images I can share, but not the article.

Jim KJ5TF

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Fri, 2 Apr 1999 18:23:02 -0600
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: <richqrp@home.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [37183] Re: CW Groups
Message-ID: <006501be7d68\$23a77380\$1637a497@aa5tb>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

If we told we would have to shoot you :-)

73,
Steve Yates
AA5TB
Fort Worth, TX
<http://home.swbell.net/aa5tb>
aa5tb@swbell.net

-----Original Message-----

From: Rich Wilkerson <richqrp@home.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Friday, April 02, 1999 5:58 PM
Subject: CW Groups

>Howdy all, I was wondering if anyone knows what the 5 letter groups are on
>10.235?
> Thanks, Rich / WD6FDD
>

Date: Fri, 2 Apr 1999 16:35:12 -0800
From: "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
To: Jim Hale <kj5tf@yahoo.com>
Cc: qrp-1@lehigh.edu
Subject: [37184] Re: Laser beam dipole
Message-ID: <19990402163512.A30125@dolphin.openprojects.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

> Has anyone else seen the report of a laser dipole antenna? I think it

> was in the latest CQ magazine.

This is the first I've ever heard of such a thing. Can you post those
bitmaps on a webpage somewhere as a GIF or PNG files? Thanks.

```
=====
      KC5TJA/6      |                      -| TEAM DOLPHIN |-
      DM13          |                      Samuel A. Falvo II
      QRP-L #1447   |                      http://www.dolphin.openprojects.net
      Oceanside, CA |.....
```

Date: Fri, 02 Apr 1999 16:42:33 -0800
From: Jim <w7ls@blarg.net>
To: richqrp@home.com, qrp-1@lehigh.edu
Subject: [37185] Re: CW Groups
Message-ID: <370563F9.60458178@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Probably military or general spy stuff. That's just a guess, but this is a
common way to broadcast (blind broadcast is the term for it) to agents in the
field. Given the frequency, they are likely launching messages to far flung
places. 30 meters isn't a groundwave band.

Let us know if you 'crack' the codes. You may be well advised to not try,
though.. :-) Happy listening..... Jim

Rich Wilkerson wrote:

> Howdy all, I was wondering if anyone knows what the 5 letter groups are on
> 10.235?
> Thanks, Rich / WD6FDD

Date: Fri, 02 Apr 1999 16:43:37 -0800
From: Jim <w7ls@blarg.net>
To: kj5tf@yahoo.com, qrp-1@lehigh.edu
Subject: [37186] Re: Laser beam dipole
Message-ID: <37056439.C2E59B43@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Uh, would that be in the April issue, by chance?

Jim W7LS

Jim Hale wrote:

> Has anyone else seen the report of a laser dipole antenna? I think it
> was in the latest CQ magazine.
>
> My friend sent me a diagram of the matching network for this laser beam
> antenna. Very interesting that a laser can conduct RF - I had no idea.
>
> Might be fun to play with, maybe something good for the future. And a
> great thing for those with covenants
> or restrictions on outside antennas where they live.
>
> I have bitmap images I can share, but not the article.
>
> Jim KJ5TF
>
> -----
> Do You Yahoo!?
> Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Fri, 2 Apr 1999 19:43:53 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [37187] OOPS--I *meant* VQ9VX :-)
Message-ID: <199904021948_MC2-7070-E14D@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Gang:

Guess my eyesight is failing faster than ever! Anyway, does anyone have the QSL routing for VQ9VX? He was working 'em on 17 Metres today. Any help will be appreciated.

72,
--Doc Lindsey/K0EVZ

DSBF
PO BOX 7187
Bismarck, ND 58507
70511.3041@compuserve.com

Date: Fri, 02 Apr 1999 16:57:19 -0800
From: Mighty Mik <mitymik@hooked.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [37188] contest this weekend??
Message-ID: <3705676E.35E797F@hooked.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I ve had ny NC20 ready to go for a month...but the antenna i have apparently was not up to the job...so i made an Inverted V. What a difference! BUT...i'm hearing a VE5 on 14.060 calling CQ QRP TEST...is this part of the Spring Boquet (sp)...or is there some OTHER contest this weekend? I just want to see it the rig works...not get wrapped up in a contest.

Date: Fri, 2 Apr 1999 20:06:01 EST
From: KF4EIB@aol.com
To: qrp-1@lehigh.edu
Cc: tentec@contesting.com
Subject: [37189] Money Conversion Web site ?
Message-ID: <c7764f7.2436c379@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Greetings to all,

Many moons ago, I remember finding a web site on one of the reflectors.... it was a site where you could calculate money exchange rates at the click of the ol' mouse. Anyone remember this site or have the URL handy?

Many thanks,

Gordon kf4eib

Date: Fri, 2 Apr 1999 20:11:23 EST
From: HWRM1SS@aol.com
To: qrp-1@lehigh.edu, njqrp@njqrp.org
Subject: [37190] QRP
Message-ID: <6714d876.2436c4bb@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Can we get back to QRP please -- hot tubs and money conversion ain't even
close -- give us a break please !

Date: Fri, 2 Apr 1999 17:22:44 -0800
From: "Andreas Junge" <andreas@atltech.com>
To: qrp-1@Lehigh.EDU
Subject: [37191] RE: QRP
Message-ID: <000801be7d70\$79a99a80\$7937a6d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> Can we get back to QRP please -- hot tubs and money conversion ain't even
> close -- give us a break please !
>

Not even if you want to find out how much a QRP kit from Germany would cost
in USD ?

Have a nice weekend,

Andreas, N6NU
Menlo Park, CA

Date: Fri, 02 Apr 1999 17:24:10 -0800
From: Harvey Laidman <HarveyL@OutaDaLoop.com>
To: KF4EIB@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [37192] Re: Money Conversion Web site ?
Message-ID: <37056DB9.47BC865A@OutaDaLoop.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Try this, Gordon
<http://www.oanda.com/converter/classic>
...Harvey, W8DX

KF4EIB@aol.com wrote:

> calculate money exchange rates at the click of
> the ol' mouse. Anyone remember this site or have the URL handy?

--- Harvey1@outadaloop.com -- URL: [HTTP://outadaloop.com](http://outadaloop.com) ---

Date: Fri, 2 Apr 1999 17:32:03 -0800 (PST)
From: Brad Bradfield <b_bradfield@yahoo.com>
To: Message posts for QRP-L <qrp-l@lehigh.edu>
Subject: [37193] NON-SKID PADDLE PAD
Message-ID: <19990403013203.20175.rocketmail@web206.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Good evening from humid North Texas y'all - -

I wanted to post a note with a suggestion for keeping your paddles from drifting or sliding around your desk when operating. Now if you're like K5FO and your touch is so light that you set your paddles so that breathing on them closes the contact, ignore this post. But, if you've got a bit heavier fist on the paddles, read on.

Several years ago, I came across some neat non-skid stuff in the grocery store that I've been using ever since as a small pad under my paddles. It is a rubber mesh material about 1/16" thick thats made as a non-skid shelf liner. Cut a piece slightly larger than the footprint of your paddles and you're set to go.

I also just made another non-skid pad using the same stuff that I wanted to describe. Anyone who works in an office with a lot of computers has

probably seen the ergonomic keyboard and mouse pads that help eliminate carpal tunnel problems. The mouse pad that I scrounged has a base less than 1/8" thick, and 12" by 7-3/4". Across one end (the narrow dimension) is a pad about 2-3/4" wide by 1/2 or 5/8" thick. This is made to support the wrist when using the mouse, thus eliminating wrist problems. I covered the entire top and bottom of this pad with the rubber non-skid material mentioned before, and I now have an ergonomic keyer pad. Your wrist doesn't get sore over a period of time (like Field Day) from hanging in mid air. Works great. Such a deal!

Look for the rubber material in the houseware section of your neighborhood grocery store. I got mine at Albertson's. A roll 1 foot by 5 feet was about four bucks. If your grocery store doesn't carry it, try a large RV supply dealer. They use it to line cabinets in RV's to keep the good china from sliding around when traveling.

Oh, well.

72's es 73's,

Brad, W5CGH

Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Fri, 2 Apr 1999 20:32:11 EST
From: KF4EIB@aol.com
To: qrp-1@lehigh.edu
Subject: [37194] Money Conversion....Sorry I asked
Message-ID: <94817019.2436c99b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

I have received a flame as to my question....please accept my apology as to the unnecessary band pollution.

Have a great weekend!

Date: Sat, 3 Apr 1999 03:35:04 +0200

From: "Hans =?ISO-8859-1?Q?Sundstr=F6m"?= <hans.sundstrom@telia.com>
To: <70511.3041@compuserve.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [37195] SV: 00PS--I *meant* VQ9VX :-)
Message-ID: <199904030133.DAA12192@d1o22.telia.com>

Hi

Sure you are not reffering to VQ9VK - he was active today on 17. His QSL info is N1T0

Hope this helps...

73

Hans/SM4ATJ

-----Ursprungligt meddelande-----

Fr n: Wilford D. Lindsey <70511.3041@compuserve.com>
Till: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Datum: den 3 april 1999 02:50
mne: 00PS--I *meant* VQ9VX :-)

>Gang:

>

>Guess my eyesight is failing faster than ever! Anyway, does anyone have
>the QSL routing for VQ9VX? He was working 'em on 17 Metres today. Any
>help will be appreciated.

>

>72,

>--Doc Lindsey/K0EVZ

> DSBF

> PO BOX 7187

> Bismarck, ND 58507

> 70511.3041@compuserve.com

>

Date: Fri, 02 Apr 1999 20:42:09 -0500
From: "Greg % Rose Gryckiewicz" <rfg@acsu.buffalo.edu>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [37196] lightning protection
Message-ID: <370571F0.6F5C92C5@acsu.buffalo.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Originally, I had my shack in the basement. Antenna is a end- fed zep brought in with ladder feed line. For lightning protection, I had it wired to a knife switch, which could throw the antenna to ground. Now the shack is in the bedroom. Is it wise to have the same switch now in the bedroom? That scares me and I wonder if anyone would have a better idea...Greg N2DYT

Date: Fri, 2 Apr 1999 19:42:02 -0600
From: "Arthur Brown" <brown@cam-walnet.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [37197] Advice
Message-ID: <000101be7d73\$2d71db20\$50534ad1@brown>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello to all --

I'm new to amateur radio, and QRP, and am wondering if anyone has an opinion regarding the MFJ CW transceivers.

At this point I just want a simple, durable, decent - performing little rig. Not up to building a kit yet...

Thanks much--
-art
KA8RVL

Date: Fri, 2 Apr 1999 18:12:44 -0800
From: "Bill Todd" <bill@willapabay.org>
To: <NWQ-L@scn.org>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [37198] QRP Forum at SEAPAC - Seaside, OR
Message-ID: <005801be7d77\$76e12780\$c7added1@bill>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Announcing the 2nd "QRP Forever" QRP Forum, sponsored by the NorthWest QRP Club, at the SEAPAC ARRL NW Convention/Ham Fair in Seaside, OR - June 4th through the 6th.

Our first QRP Forum was held at SEAPAC (way back) in June of 1993. Interest in QRP has come a long way in 6 years, and the second "QRP Forever" Forum looks to be even better.

We are still lining up the speakers for our three hour session on Saturday afternoon, having been notified of the open time "slot" at SEAPAC only this week. So far we have:

- - - - -

Wes Hayward, W7ZOI

Author and QRP Pioneer, who will speak about a new project he's been working on, as well as his Spectrum Analyzer kit.

Bruce Franklin, KG7CR

Designer of the QRP+ and the SGC2020 (and a new digital communications project) who will speak about QRP from the 1920's to the 1950's.

More speakers will be listed on the NWQ-L and QRP-L as they are confirmed. We are looking at a homebrew project contest, portable antenna contest, and other fun events, so as they say . . . "watch this space."

Complete information on the SEAPAC event can be found at:
www.seapac.org

CUL, Bill-N7MFB

Date: Fri, 2 Apr 1999 21:11:02 -0500
From: "Richard Brummer" <obvious@bestweb.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [37199] Re: NON-SKID PADDLE PAD
Message-ID: <002c01be7d77\$3a3848e0\$0606b3d8@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

If you're not too heavy-fisted, a piece of double-sided tape under each foot of the paddle works fine.

73,
Dick K2REB

Date: Fri, 02 Apr 1999 19:30:24 -0700
From: Jess Gypin <jessqrp@concentric.net>
To: kc5tja@dolphin.openprojects.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [37200] Re: Laser beam dipole
Message-ID: <37057D40.F8E31DB0@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Can you say April issue?

Samuel A. Falvo II wrote:

> > Has anyone else seen the report of a laser dipole antenna? I think it
> > was in the latest CQ magazine.

>
> This is the first I've ever heard of such a thing. Can you post those
> bitmaps on a webpage somewhere as a GIF or PNG files? Thanks.

>
> =====
> KC5TJA/6 | -| TEAM DOLPHIN |-
> DM13 | Samuel A. Falvo II
> QRP-L #1447 | <http://www.dolphin.openprojects.net>
> Oceanside, CA |

--
Jess N0TFI <><
<http://www.concentric.net/~jessqrp> Personal Home page
<http://qsl.net/n0tfi/bug.html> Bug Stories

Date: Fri, 2 Apr 1999 18:33:58 -0800

From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: <KF4EIB@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [37201] RE: Money Conversion Web site ?
Message-ID: <000b01be7d7a\$6d20c9a0\$0100000a@accurate-main>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gordon,
This is the one I use;
<http://www.xe.net/currency/>

Roger KD6CC

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
KF4EIB@aol.com
Sent: Friday, April 02, 1999 5:06 PM
To: Low Power Amateur Radio Discussion
Subject: Money Conversion Web site ?

Greetings to all,

Many moons ago, I remember finding a web site on one of the reflectors....
it was a site where you could calculate money exchange rates at the click of
the ol' mouse. Anyone remember this site or have the URL handy?

Many thanks,

Gordon kf4eib

Date: Fri, 2 Apr 1999 21:30:48 -0500
From: Joe Everhart <n2cx@voicenet.com>
To: qrp-1@Lehigh.EDU
Cc: njqrp@njqrp.org
Subject: [37202] Re: Special Gusher Deal
Message-ID: <199904030230.VAA46538@nss4.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

Ok the "special deal" Gushers are all spoken for - great response!

All of those who responded in time have been notified.

I *still* have lots for the usual terms...

72/73,

Joe E., N2CX

from South Jersey y'all!

Date: Fri, 2 Apr 1999 18:31:10 -0800
From: "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
To: Jess Gypin <jessqrp@concentric.net>
Cc: qrp-l@lehigh.edu
Subject: [37203] Re: Laser beam dipole
Message-ID: <19990402183110.A30356@dolphin.openprojects.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

> Can you say April issue?

Did it ever occur to you that I might have been playing along? Sheesh!

=====

KC5TJA/6		- TEAM DOLPHIN -
DM13		Samuel A. Falvo II
QRP-L #1447		http://www.dolphin.openprojects.net
Oceanside, CA	

Date: Fri, 02 Apr 1999 21:31:39 -0500
From: Hank Kohl K8DD <k8dd@contesting.com>
To: jessqrp@concentric.net
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [37204] Re: Laser beam dipole
Message-ID: <4.1.19990402212542.0144c150@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

There are problems with the laser dipole because it is a single element laser radiator. Phased with 2 pieces of wire with no more than 2 to 6 inches of sag on each, as checked with the laser radiators, and fed

with coax or even open wire, there will be a significant improvement in the radiation pattern.

73 Hank K8DD

At 07:30 PM 4/2/99 -0700, Jess Gypin wrote:

>Can you say April issue?

>

>Samuel A. Falvo II wrote:

>

>> > Has anyone else seen the report of a laser dipole antenna? I think it
>> > was in the latest CQ magazine.

>>

>> This is the first I've ever heard of such a thing. Can you post those
>> bitmaps on a webpage somewhere as a GIF or PNG files? Thanks.

>>

>>

*/ Hank Kohl K8DD k8dd@arrl.net
*/ ARRL TS <http://www.tir.com/~k8dd>
*/ MI-QRP - Vice Pres. QRP-ARCI - Director
*/ G-QRP ARRL/LM QCWA/LM QCAO/LM

Date: Sat, 3 Apr 1999 02:39:34 -0500
From: Andy C Meng <andymeng@juno.com>
To: qrp-l@lehigh.edu
Subject: [37205] passing grade on theory tests
Message-ID: <19990403.023937.3374.6.andymeng@juno.com>

I am planning to take the Advanced and 20WPM tests tomorrow. I have been practicing with the AA9PW java, and I'm right on the borderline (uh-oh). What is the grade that I have to get? I think I recall it being 70%, but I got higher, and the java said I failed. I need some clarification here.

Thanks for the replies about Four Days in May. It looks like it will be Thursday if at all.

73 de KC8KFI Andy
QRP-L #1813 Cincinnati, OH Total HF CW QRP contacts: 24
e-mail: andymeng@juno.com URL: <http://www.qsl.net/kc8kfi/>
SW-40+ running 2W into a Dipole at 24ft. and straight key
HTX-202, KPC-3, and Garmin 45

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 2 Apr 1999 22:11:27 -0500
From: "Tom H" <biskit@snip.net>
To: <qrp-1@Lehigh.EDU>
Subject: [37206] Re: Where to find K2 Radio
Message-ID: <011101be7d7f\$ab18cb40\$5449ccd1@hybiske>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

www.elecrafft.com

Date: Fri, 02 Apr 1999 22:21:27 -0500
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [37207] Re: lightning protection
Message-ID: <3.0.32.19990402222124.006da7d0@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:42 PM 4/2/99 -0500, you wrote:

>Originally, I had my shack in the basement. Antenna is a end- fed zep
>brought in with ladder feed line. For lightning protection, I had it
>wired to a knife switch, which could throw the antenna to ground. Now
>the shack is in the bedroom. Is it wise to have the same switch now in
>the bedroom? That scares me and I wonder if anyone would have a better
>idea...Greg N2DYT

Greg..I have seen this topic discussed before (to ground or not to ground antennas}.

IMHO grounding unused antennas is like asking for it and if you follow that route you had better be prepared to eat all the amperage from a hit. If you do so carefully study all the Polyphasor literature....it's pretty involved.

In my own case, I prefer to "float" unused antennas and pull

the plug when storms approach.
For several years I had two 5/8 wave verticals on 30 meters each
58 feet high and used a banana plug at the base for quick disconnect.
I Never got hit even while an oak tree 200 ft away got blasted.
During a thunderstorm you could hear the bottom insulators arc
over but no hazard to the rig or adjacent house.
I'm a believer who goes with what works for me.
73 Pete NV4V

Date: Fri, 2 Apr 1999 22:30:54 -0500
From: "Larry Przyborowski" <lprzybski@erols.com>
To: <ki6ds@dpol.k12.ca.us>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [37208] Re: Missing 180K resistors, the answer
Message-ID: <000e01be7d82\$62d99640\$c3faaccf@k3peg>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Doug. Thanks for the resistor kit- I received it today. Looks FB, es I
for one don't care about missing 180K resistors. I appreciate the fine job
you've done in packaging and offering this fine kit.
And hats off to whomever else helped you!

72 de Larry - K3PEG

Date: Fri, 2 Apr 1999 19:28:28 -0800 (PST)
From: Brad Bradfield <b_bradfield@yahoo.com>
To: QRP-L@lehigh.edu
Subject: [37209] NON-SKID PADDLE PAD FOLLOW-UP
Message-ID: <19990403032828.20752.rocketmail@web220.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Good evening dudes and dudettes - - -

I forgot to mention that I used spray artists adhesive to attach the
rubber non-skid material to the top and bottom of the mouse pad. A thin
layer of rubber cement would probably work too. Also, lest someone

think I'm talking about a standard flexible rubber mouse pad, the ergonomic pads are a rigid plastic or composite material less than 1/8" thick.

Oh, well.

72's es 73's,

Brad, W5CGH

===

Brad Bradfield, PE	W5CGH	Systems Engineer
(ex WB0CGH)		Raytheon Systems Company

Real men talk with their fingers!!

QRP-L #377	SMIRK #4906
ARS #72	Austin QRP Club #e

Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Fri, 02 Apr 1999 21:31:53
From: mike Dooley <msdooley@airmail.net>
To: qrp-l@lehigh.edu
Subject: [37210] Re: Laser beam dipole
Message-ID: <3.0.6.16.19990402213153.475768cc@mail.airmail.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well, I don't know. Let's see... you'd need two of those lasers for the driven element... two for the reflector... and two for a single director. At \$10.00 to \$15.00 each making a 3 element beam out of lasers could be expensive. And that would just be a monobander. I don't know how we'd wind a laser beam into a coil to produce traps to make a tri-band beam.

Say! I could use a single laser to make an end fed laser antennae! Hey! Where'd that old TI calculator go! I've got some figurin' to do.

Mike N5BGZ

Date: Fri, 2 Apr 1999 22:48:01 -0500
From: "Todd Carpenter" <carpentt@citrine.indstate.edu>
To: "qrp-L" <qrp-l@Lehigh.EDU>
Subject: [37211] SST VS SW30
Message-ID: <8B02943632A@citrine.indstate.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Does anyone prefer the SST over the SW30 as a 30 m rig?

=====
Todd M. Carpenter, N9YSQ
President ISUARC
Member: WVARA, THRC, GQRP, INQRP, ARCI

Date: Fri, 02 Apr 1999 21:26:08 -0800
From: Bob Kellogg <ae4ic@nr.infi.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [37212] Vacuum Variable question
Message-ID: <3705A670.A8DB7D42@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Guys,

I'm doing some tuner testing again, and will have some neat results to share in a few weeks.

In the meantime, I've run across something I've never seen before, so need some help.

I have a Vacuum Variable Capacitor which when closed, seems to be shorted. After a turn or two opening it, the short disappears. Other than the short, the capacitor seems to work normally. Is this proper? Anyone have any experience/advice to offer?

Thanks in advance,
Bob Kellogg, AE4IC, Greensboro, NC
Prolably, not Nececelery, - Benny Hill

Date: Fri, 02 Apr 1999 21:58:38 -0600
From: The Boices <boice@bigfoot.com>
To: qrp-l@Lehigh.EDU
Subject: [37213] [OT] Need TH-205AT manual
Message-ID: <3.0.6.32.19990402215838.009137c0@mailbox.arn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

A friend recently bought a Kenwood TH-205AT handheld, but didn't get a manual with it. He's willing to pay reasonable copying and shipping costs.

Obviously, please respond directly to me and not to the list.

73,

Mike Boice, KW1ND
Canyon TX
QRP-L # 576

Date: Sat, 3 Apr 1999 04:05:42 -0500
From: pmk@juno.com
To: qrp-l@lehigh.edu
Subject: [37214] The flames start here...
Message-ID: <19990403.040543.6814.9.pmk@juno.com>

Are we forgetting why we are here ??? I don't know about some of you, but most of us here will give the shirts off of our backs. I wouldn't know of a better place to get information on anything but only as a last resort.

I would like to say we are like a big family here and on occasion someone gets a little flamed. Most of us do keep to ourselves and just delete the posts we don't like and move on. If there is something one can help with there is no better place.

I would like to see me checking in here in the next 10 years but we do need to have a little order.

Thank you Chuck K5FO and the other gents involved

with the maintaining the QRP-L list. You really make QRP that much more fun.

The fun does start here. I was lost in the QRP world until Dick at OHR (much thanks Dick) told me about the list and have been hooked since. I am not sure this is the best QRP reflector but I will always be loyal as long as the messages keep flowing and try to participate as much as I can.

72 de Patrick KD4OBQ

AR

<http://www.qsl.net/kd4obq/>
pmk@juno.com for faster service.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 2 Apr 1999 22:09:19 -0600
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-l@Lehigh.EDU>
Subject: [37215] WTB: Basic Wilderness Sierra
Message-ID: <199904030409.WAA09991@dialnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Guys and Gals,

I'm gonna try one more time... Still looking for a Basic Wilderness Sierra. A model without a KC2 and one Band module would be ideal. Please contact me direct at kelman@dialnet.net built or unbuilt would be considered.

Sold the HTX-100 and the MM-3. Still have the QRP++ and Companion FS or trade. Can not split the pair.

Thank you all for this list. 72,

Kelly Ellison - WB0WQS - Aurora, MO - QRP-L #702, QRPARCI #9854 Near Branson MO

Date: Fri, 2 Apr 1999 20:14:48 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [37216] Re: NON-SKID PADDLE PAD
Message-ID: <Pine.SOL.3.96.990402201422.7378B-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I used to glue my bugs down with rubber cement!

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Fri, 02 Apr 1999 22:54:55 -0600
From: "George T. Baker" <w5yr@swbell.net>
To: kc5tja@dolphin.openprojects.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [37217] Re: Laser beam dipole
Message-ID: <37059F1F.CC647F39@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Guys, guys, c'mon - all the mags have an April Fool joke article in the April issue.

72/73, George

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE #522 ARS 10-X 33.2 N 96.6 W EM13RE

"Samuel A. Falvo II" wrote:

> This is the first I've ever heard of such a thing. Can you post those
> bitmaps on a webpage somewhere as a GIF or PNG files? Thanks.

Date: Sat, 3 Apr 1999 00:18:34 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:w5yr@swbell.net" <w5yr@swbell.net>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group
<QRP-L@Lehigh.edu>
Subject: [37218] Re: Laser beam dipole
Message-ID: <199904030022_MC2-7057-9EAB@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

George:

And I was just about to ask whether it would be okay to use uninsulated laser beams, or should one use the plastic covered kind? I was also going to ask whether I should use red coverings with the red laser, etc.

Oh well. Maybe next year.

72,
--Doc Lindsey/K0EVZ
DSBF
PO BOX 7187
Bismarck, ND 58507
70511.3041@compuserve.com

Date: Fri, 2 Apr 1999 22:38:11 -0700 (MST)
From: Paul Harden <pharden@aoc.nrao.edu>
To: Ron Stark <ku7y@dri.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [37219] Re: NON-SKID PADDLE PAD
Message-ID: <Pine.SOL.3.91.990402221452.5633B-1000000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 2 Apr 1999, Ron Stark wrote:

> I used to glue my bugs down with rubber cement!
>
> 73, Ron, SOWP 5545M,

The TOP TEN things to use for gluing down bugs:

10. J-B Weld

9. That K5FO Brown Brothers Paddle wrinkle finish paint stuff
8. Taco Bell burrito sauce
7. Any epoxy, but just use Part "A"
6. Dried pancake batter
5. That stuff "Melt Solder" Steve uses
4. St. Louis vertical antenna stakes
3. Atlanticon-99 T-shirt soaked in rum
2. Laser antenna grease (relative bearing grease in a pinch)
1. NorCal resistors (180K works best)

That about covers this weeks threads on QRP-L :-)

Have a good weekend,
72, Paul NA5N

Date: Sat, 3 Apr 1999 01:05:26 -0500
From: Bill B Lazure <n2tpa@juno.com>
To: plburbank@kih.net
Cc: QRP-L@Lehigh.EDU
Subject: [37220] Re: lightning protection
Message-ID: <19990403.010614.12278.1.N2TPA@juno.com>

As was mentioned in another post, point your browser to the Polyphaser home sight for the BEST information available regarding ground systems for amateurs. They have a lengthy technical paper devoted entirely to the unique grounding requirements of the average ham.

I can attest to the necessity of good grounding. I saw my 14AVQ take a direct hit for better than 5 seconds during our "tornado" last fall. When I went out to do damage assessment the next day, everything worked wonderfully: even the antenna that got hit!

Disconnect inside, Ground the heck out of everything OUTSIDE. Keep the fire outside. Don't forget about power, phone, CATV, and modem lines too.

I can't even call myself a happy polyphaser customer, never bought anything from them. Their information can be life-saving

72 & 73,

Bill
W2EB
Syracuse, NY

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 3 Apr 1999 01:23:41 EST
From: DYARNES@aol.com
To: ku7y@dri.edu, qrp-1@lehigh.edu
Subject: [37221] Re: NON-SKID PADDLE PAD
Message-ID: <80e210de.24370ded@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 4/3/99 4:16:45 AM !!!First Boot!!!, ku7y@dri.edu writes:

<< I used to glue my bugs down with rubber cement!
>>

I have found a mouse pad is a good no-skid device. Find one that is not too thick but is relatively firm. My V2L (which doesn't slide much anyway) works fine on one, and my Profi sits very solidly on one too. By the way, 3M has a mouse pad that I use at work that is absolutely the greatest mouse pad I have ever used. It is VERY thin--perhaps the thickness of a file folder, but with a very abrasive surface. I love it at work because you don't have your hand arched up over the edge of a thick mouse pad. I haven't tried it under a paddle yet, but I'm going to do that soon.

72 de Dave W7AQK

Date: Sat, 03 Apr 1999 02:13:58 -0500
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [37222] Re: NON-SKID PADDLE PAD
Message-ID: <3.0.32.19990403021355.006bf0ac@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

TOP TEN things to use for gluing down bugs:

>

- >10. J-B Weld
- > 9. That K5F0 Brown Brothers Paddle wrinkle finish paint stuff
- > 8. Taco Bell burrito sauce
- > 7. Any epoxy, but just use Part "A"
- > 6. Dried pancake batter

> 5. That stuff "Melt Solder" Steve uses
> 4. St. Louis vertical antenna stakes
> 3. Atlanticon-99 T-shirt soaked in rum
> 2. Laser antenna grease (relative bearing grease in a pinch)
> 1. NorCal resistors (180K works best)
>
>That about covers this weeks threads on QRP-L :-)
>
>Have a good weekend,
>72, Paul NA5N
Dear Paul,
Don't forget to use the 5 Gallon can of CW Offset.
I gotta go--- The EMS squad is here...something about 10 turn pots
and fishing poles.
72 Pete NV4V

Date: Sat, 3 Apr 1999 04:57:05 -0500
From: "dor" <elbc@pivot.net>
To: <pharden@aoc.nrao.edu>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [37223] Re: NON-SKID PADDLE PAD
Message-ID: <003a01be7db8\$55cceb60\$593d62ce@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I've used Rubbermaid, kitchen draw liner it's very non skid works great..
73 & 72 dave, kc1di

>

Date: Sat, 3 Apr 1999 06:34:42 -0500
From: "The Gritzmacher Family" <ae2t@bigfoot.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [37224] VERMONT portable next week
Message-ID: <001201be7dc5\$f8781080\$4d5502d1@family>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

To anyone looking for the elusive state of Vermont for QRP-WAS, I will =
be
vacationing in Sowe VT next week - April 5-10 and hope to work a bunch =
of
you.

I will be taking along a SW40+ and the NC20 with a WB6MMA-SLV as well as =
a
ZM-2 tuner and plenty of wire. Hope to be able to get a good antenna =
going.

I also should be able to keep up with the QRP-L reflector while away. If
you'd like a sked, my e-mail address while there will be ae2t@cs.com,
although I will also be able to get mail from my usual addresses.

We're doing some late-season skiing and hope to relax in the evening =
with
some radio operating.

72,

Al AE2T/1
ae2t@bigfoot.com
ae2t@cs.com
15781911@pager.mirabilis.com
ICQ #15781911

Date: Sat, 03 Apr 1999 07:04:22 -0500
From: K4AHK@ix.netcom.com
To: msdooley@airmail.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [37225] Re: Laser beam dipole
Message-ID: <370603C4.3722@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

If you use lasers with electronically variable focal points, could you
make a remotely tuneable multi-band antenna ? ? ?

Date: Sat, 3 Apr 1999 05:27:56 -0800
From: "Francis Callahan" <colcal@srv.net>
To: <w7ls@blarg.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [37226] Re: CW Groups
Message-ID: <199904031230.FAA05281@srv.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I also copied a 5 letter groups at about 0500 on Friday morning at about 3.970 or 80 and the speed was about 15 wpm . 72 Cal KF7ET

> From: Jim <w7ls@blarg.net>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: Re: CW Groups
> Date: Friday, April 02, 1999 4:42 PM
>
> Probably military or general spy stuff. That's just a guess, but this is
a
> common way to broadcast (blind broadcast is the term for it) to agents in
the
> field. Given the frequency, they are likely launching messages to far
flung
> places. 30 meters isn't a groundwave band.
> Let us know if you 'crack' the codes. You may be well advised to not
try,
> though.. :-) Happy listening..... Jim
>
> Rich Wilkerson wrote:
>
> > Howdy all, I was wondering if anyone knows what the 5 letter groups
are on
> > 10.235?
> > Thanks, Rich / WD6FDD
>

Date: Sat, 03 Apr 1999 07:41:10 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: joel malman <malman@world.std.com>, "qrp-canada@lists.gpfn.sk.ca" <qrp-canada@lists.gpfn.sk.ca>, qrp-l <qrp-l@Lehigh.EDU>
Subject: [37227] Re: heard VE3FAL last night
Message-ID: <37060C65.7C69C22E@tbaytel.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Joel I too heard you in there.I answered back a couple of times,but the QRN was very bad at this end...Prior to me calling CQ I checked into the QKS SS Net....Hope to work you on 80 or maybe 40 metres sometime this weekend.....You were abot a 229....

73 Fred

When I went down to 3.560 I heard N0UR and N0GI working each other,both about 559...

joel malman wrote:

> I heard VE3FAL last night on 3710 about 0240z. Basically 119 RST though.
> My called were never heard... Maybe next time.
>
> --
> /joel K1QM (Ex-wa1qvm) Concord, Massachusetts
> QRP-L 337, QRP-ARCI 9305, MI-QRP 1641, NorCal #1884

Date: Sat, 3 Apr 1999 06:55:39 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Tim Pettibone <tpettibo@NMSU.Edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [37228] Re: QRP test
Message-ID: <Pine.LNX.3.95.990403065311.19476B-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

That's the Canadian QRP Spring Bouquet event Tim...it runs from April 1/99 to May 31/99.....you can find the details and operating schedule in the archives or on the RAC Web page under the QRP-Canada page located there...a beautiful certificate is available for free....if you can't get to the RAC Web Page, let me know and I'll send you the info....Happy Easter!

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan. Canada
"QRP! How sweet it is!"

On Fri, 2 Apr 1999, Tim Pettibone wrote:

> I know I probably trashed the info but what's the QRP Test I hear on today?

>
> Tim K50I
> Las Cruces, NM
> QRP-L#73
>

Date: Sat, 3 Apr 1999 07:30:54 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: carpentt@citrine.indstate.edu, qrp-l@Lehigh.EDU
Subject: [37229] Re: SW 30 and RTTY
Message-ID: <19990403.080228.-94057.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Todd...

>>I am assembling for RTTY. Any comments? <<

and Group...

I have had a blast running FSK QRP RTTY with the Sierra.

There is a FSK interface at...>><http://www.psnw.com/~kd7s><<
Re: "RTTY with a Sierra"...that will run under "HamCom".

Remember too, that RTTY is a 100 % duty cycle mode. The final of a CW ONLY transmitter may promote a power dissipation problem while running RTTY and may require attention .

While my Sierra does not have any problem running KEY DOWN for ten minutes on 20 m into a G5RV, power supply at 12 volts, original final, original heat sink, I am sure there are many other variables one must consider.

Enjoy,

John
N3AAZ
FM19xa
.

On Fri, 2 Apr 1999 14:24:45 -0500 "Todd Carpenter"
<carpentt@citrine.indstate.edu> writes:

>
>Thanks for all the comments and recommendations on the SW30.
>I forgot to ask if anyone was using theirs for RTTY. I have a
>portable
>setup
>I am assembling for RTTY. Any comments? Todd.
>
>
>=====

>Todd M. Carpenter, N9YSQ
>President ISUARC
>Member: WVARA, THRC, GQRP, INQRP, ARCI
>
>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 3 Apr 1999 08:07:26 -0500
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [37230] Solar Station
Message-ID: <000f01be7dd2\$ecae4280\$385445c6@ronaldpo>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Everyone,

Does anyone on the list have their entire station
running off of batteries being charged by solar cells?

I would like to talk to you via direct e-mail.

Thanks & Happy Easter!

72 & 73
Good DXing
Ron de WB3AAL
wb3aal@talon.net

vvv Eastern PA QRP Club Web Page vvv

http://www.kpsnet.com/wb3aal/Start_Page.htm
Eastern PA QRP Club Call ---> N3EPA

Eastern PA QRP # 1 ARCI QRP # 5318
NJ-QRP # 179 G-QRP # 3031
KL7 QRP # 309

Date: Sat, 3 Apr 1999 08:35:58 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [37231] Re: CW Groups
Message-ID: <19990403.083606.-94057.2.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Group,

>>I was wondering if anyone knows what the 5 letter groups...<<

You MAY NOT want to try this at home! Hi Hi...

"Secrets of Making and Breaking Codes" by Hamilton Nickels, ISBN
0-8065-1563-5 at Barnes and Nobel (\$6.95 US) not only discusses "5
letter groups", it also includes examples and software for several
"techniques".

John
N3AAZ
FM19xa
.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 3 Apr 1999 08:54:21 -0500
From: Bruce T Hopkins <KL7H_C6A@compuserve.com>
To: John Merrill <APPLESTORAGE@email.msn.com>
Cc: QRP-l Reflector <qrp-l@lehigh.EDU>
Subject: [37232] 12V Flourescents

Message-ID: <199904030854_MC2-7077-F19F@compuserve.com>

MIME-Version: 1.0

Content-Transfer-Encoding: quoted-printable

Content-Type: text/plain; charset=ISO-8859-1

Content-Disposition: inline

Content-Transfer-Encoding: quoted-printable

Hi John & QRP-1 Gang...

As we approach the camping / QRP season this may be a question that will be of benefit to several on the list... =

I have used them all on my sailboats and in my camper over the past several years... I stay away from incandescent lights because of the high current draw and heat... Most 12V fluorescents, however, will raise hob with your electronics... There are several brands that are manufactured for use in boats with electronics that are RFI clean in the HF / VHF spectrum... They are available in several different sizes and light output...

Sorry that I can not call the brand names off the top of my head... =

My catalogs are in Alaska and I am in C6A-land... Three sources that I can think of would be: West Marine, E&B Marine and Boats U.S. ... You can get their 800 numbers through a web search and ask for the RFI suppressed fluorescent lights...

Hope that this is of some help... Take care and have fun...

72 - Bruce - KL7H / C6A

<http://www.qsl.net/kl7h>

Date: Sat, 03 Apr 1999 09:06:58 -0500

From: "Kenneth W. Evans" <w4du@bellsouth.net>

To: QRP List <qrp-1@Lehigh.EDU>

Subject: [37233] FDIM Attendees (long)

Message-ID: <37062081.710D61C2@bellsouth.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Here is the current list of people who have registered for the QRP ARCI
FDIM Thursday Seminar. To register for the Seminar on Thursday, May 13,
1999, send a check for \$10.00/person (made out to QRP ARCI), to
Phil Specht, K4PQC
925 Saddle Ridge
Roswell, GA 30076.

Complete details about FDIM are found at <http://www.qrparci.org>

- 1 N8ET Bill Kelsey
- 2 N8TUT Douglas Marsh
- 3 K8ZN Doug LeVan
- 4 AA5VS Bob Bowman
- 5 AK2A Dave Krieger
- 6 KC4MHM Ed Miller
- 7 K5HQV Ben McKinney
- 8 K8LHR Ben Creech
- 9 K8SGL Rodney Deyo
- 10 WB4TAJ Bob Bruner
- 11 WA2ECP Vince Passione
- 12 K4AVX John Farler
- 13 KC8HZZ Geoffrey Foster
- 14 N9ZZ Bob Schill
- 15 W3QF John Muller
- 16 KC5TUH Galen Krisov
- 17 WA3HBT Robert Almeida
- 18 W0PFR Terence Smilhanek
- 19 WB5ZJN C. M. Shearer
- 20 W9QZ Rick Weber
- 21 KB8RVS Dave Powers
- 22 KM3V Chuck Hartley
- 23 N0BxB Eric Fuller
- 24 N3BYN Gary Johney
- 25 N3SLR Richard Bachmann
- 26 KF4AR Rick Robinson
- 27 WF4I Derek Brown
- 28 K8AX David Brown
- 29 KB8TRK Phil Cuellar
- 30 KB9RBO Kenya SH Jobe
- 31 N9WKE Bruce Pea
- 32 N9YAI Randy Jobe
- 33 WA9FLX Dick Wohischlag
- 34 K8ION Steven Bornstein
- 35 KS4RN Leonard Young
- 36 W4DU Ken Evans
- 37 W4Q0 Jim Stafford
- 38 K4PQC Phil Specht

39 KR5LR Jerry Henshaw
40 W2SH Charles Moizeau
41 WA1FXT Bob Cerreth
42 WA1FXT-2 Bob Cerreth
43 WA1FXT-3 Bob Cerreth
44 K2SGA Jeff Cotton
45 AK0P Adam Kanis
46 N8GKQ David Stichweh
47 WD8QWR Philip Carter
48 K8CZ Tom Isgro
49 K8DD Hank
50 N8CQA Buck
51 K0BC Gary Harrison
52 K4QQK Bob Mahrenholz
53 KF00V Dan Copeland
54 KF4MVH Scott Bonner
55 W0HX Stan Underhill
56 W0QIK Thor Lyford
57 W0UFO Mert Nellis
58 W40WX Jack Hennon
59 WD8JTN Gregory Jivoian
60 KI0JP Jeff Dodd
61 KD1BF Richard Cosma
62 WA8HDR David Doubleday
63 K5HQV Ben McKinney
64 WW4ML Mitch Louis
65 N5WU Sam Stimsons
66 W8RIK Joe Hussey
67 K4HCM Paul Brisendine
68 K4TJD Tom Dooley

Date: Sat, 3 Apr 1999 08:22:20 +0500
From: Tim and Aretta Gordish <kb9lgj@leogate.kf9ug.ampr.org>
To: qrp-l@Lehigh.EDU
Subject: [37234] SST VS SW30
Message-ID: <103110702b32b34b885ef@[209.181.171.197]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>
>
>Does anyone prefer the SST over the SW30 as a 30 m rig?
>
>=====

>Todd M. Carpenter, N9YSQ
>President ISUARC
>Member: WVARA, THRC, GQRP, INQRP, ARCI
>

I have built the SST-20 and the SW40, and the differences in the two rigs I built are:

SW+ Loud, seaminly 3D audio, low sidetone, big tuning range.
SST Low volume audio, loud and clear sidetone. Nice tiny size. Easier construction.

Both put out about 2.5 watts of clean signal, and work great. Which do I prefer....Both!

73 de Tim
KB9LGJ

QRP-L #457 MN-QRP NORCAL FISTS AR-QRP

Date: Sat, 3 Apr 99 07:51:29 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [37235] Propagation Reflector (long)
Message-ID: <199904031453.IAA19822@crius.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

All - If you are interested in HF propoagation, you may be interested in the propagation reflector described below. I have found it to be the best way to receive propagation information.

You will receive very useful information. In particular the parameters given are useful to plug into various propagation programs. I have also gotten into the habit of writing down the solar flux or smoothed sunspot number in my log when I operate as well as the A and K indices. Over the course of time you can look at the solar flux and determine where the band is open to, what band is best to where, how noisy the bands will be and other useful information. I have twice weekly skeds with my dad; after 5 yrs I can look at the solar flux and know pretty much how the sked will go.

The latest Propagation FAQ follows for those interested.

>Subject: [prop] Prop FAQ
>Sent: 3/26/1919 5:23
>Received: 4/3/1999 7:29
>From: Steve Sacco, kc2x@contesting.com
>Reply-To: Signal Propagation News for Ham Radio, prop@lyris.digimark.net
>To: Signal Propagation News for Ham Radio, prop@lyris.digimark.net
>

>=====

>prop@lyris.digimark.net Frequently Asked Questions (FAQ) Report

>=====

>LAST UPDATED: 1 November 1998

>=====

>

>1) The prop reflector is brought to you through the good graces of the
>nice folks at digimark.net.

>

>2) I (Steve, NN4X) have written some UNIX programs which automatically
>retrieve selected HF Propagation Reports every day, and post them to this
>reflector. I'd like to thank Bill Fisher, W4AN, for providing me with the
>UNIX userid, and space on one of his machines, so that I may provide this
>service.

>

>3) Reports and discussion of propagation are most DEFINATELY ENCOURAGED!
>I post the above reports so we don't get too much "dead air"! Please -
>Feel free to contribute.

>

>4) To subscribe to the prop reflector, send the word "subscribe"
>(don't use the quotes) in the SUBJECT or BODY of the message to the
>following
>address: prop-request@lyris.digimark.net

>

>5) If you don't want to subscribe any more, send a message with the word
>"unsubscribe" (again, don't use the quotes) in the SUBJECT or BODY of the
>message to the same address as you used to subscribe:
>prop-request@lyris.digimark.net

>

>6) If you have suggestions for other reports you would like to see
>automatically posted, let's discuss it on this reflector.
>If everyone seems to want it, I'll add it in.

>

>7) What you see is what you get. Although I live in Florida, I am in my
>thirties, am most definately NOT retired, and lead an extremely busy life.
>The reports from the United States Air Force and the SESC are in all
>UPPERCASE.

>If you don't like that, too bad. If it REALLY bugs you, please feel free
>to retype the day's report using mixed case, and post it to this reflector.
>Believe it or not, I get several indignant e-mails every year, complaining

>about the "uppercase problem". Another thing - the reports depend on you
>using a "Fixed" font, rather than a "proportional" font. If things
>are not lined up nice and pretty, change your viewer to use a fixed font;
>whatever you do, DON'T complain to me - I'm just the messenger, not the
>creator of the content.
>
>
>8) I make mistakes. There will be times where something goes terribly wrong,
>and you (horror of horrors) may get the same report two days in a row,
>instead
>of the latest one. Or, I may be trying to improve something, and mistakenly
>e-mail something to EVERYONE while I'm testing the program instead of just to
>me. I beg your forgiveness in advance.
>
>9) Here's what's currently scheduled to be automatically posted to the prop
>reflector:
>
> a) DAILY
> 1) The daily HF Radio Propagation Report
> b) WEEKLY
> 1) The 27 Day Outlook Report
> 2) The Highlights of Solar and Geomagnetic Activity Report
> 3) The Prop Report Short Description
> c) MONTHLY
> 1) The SEC Predicted SSN Report
> 2) The HF Prop Report Long Description
> 3) This FAQ
>
>10) The SESC has a "Glossary of Terms" used in describing propagation and
>solar events. If they are rather large, so I don't post them to the
>reflector, but I'll be happy to send them to you on request. Just send an
>e-mail to me at: nn4x@evcom.net
>
>11) Since my ISP never restored my old UNIX programs, I've rewritten them.
>I did a better job the second time around, and they should not make the
>mistakes the old ones used to, such as resending a duplicate report if there
>was a problem, and it did not retrieve the LATEST report. In addition to
>this, if it DOES find the the report is the same as the old report, it
>will try
>to pull the latest report once more during the day. If it is successful,
>the new (up-to-date) report will be mailed.
>
>12) Enjoy!

I hope that this proves useful to some and apologize for the bandwidth to
those not interested. 72! - Dr. Megacycle KK6MC/5

James R. Duffey KK6MC/5 DM65
30 Casa Loma Road
Cedar Crest NM 87008

Date: Sat, 3 Apr 1999 11:05:20 -0400
From: spoon@kodak.com
To: qrp-l@lehigh.edu
Subject: [37236] 38S, etc
Message-ID: <85256748.004C32D0.00@knotes.kodak.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Thanks to all who expressed interest in the 38s , rainbow tuner etc. The package has been sold.

72, john, kc2du

Date: Sat, 3 Apr 1999 09:43:44 -0800
From: w4bws@juno.com
To: w7ls@blarg.net
Cc: qrp-l@Lehigh.EDU
Subject: [37237] Re: CW Groups 10.235
Message-ID: <19990403.100145.-225563.0.w4bws@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

On Fri, 02 Apr 1999 16:42:33 -0800 Jim <w7ls@blarg.net> writes:
>Probably military or general spy stuff. That's just a guess.
> Let us know if you 'crack' the codes. You may be well advised to
>not try, though.. :
>
Should you accept this task, your brain will implode within 5

seconds of decoding the message. Happy 99 Marris

Don Sanders W4BWS
694 E. Eau Gallie Blvd
Satellite Beach ,FL 32937
My favorite QRP rig glows in the dark

Date: Sat, 3 Apr 1999 10:31:14 -0500
From: Jerry Henshaw <jhenshaw@bellsouth.net>
To: "'QRP List'" <grp-l@Lehigh.EDU>
Subject: [37238] FDIM Tickets???
Message-ID: <01BE7DBD.1BF53BE0@host-216-77-210-64.fll.bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,

Has anyone received their FDIM tickets via SASE? I sent my \$10.00 along
with my Banquet check and even a check to the Hamvention folks. I have
received (via SASE) confirmation and tickets for the Banquet and the
Hamvention..... but still on FDIM symposium tickets! I have inquired via
Email to confirm my money had been sent..... zero, zip, nada in reply

Am I the only one not receiving confirmation, or tickets??

I'm not complaining.... I just don't want to miss out on the symposium due to
a glitch with USPS.

72s'

Jerry Henshaw
KR5L/4 /K2

Date: Sat, 3 Apr 1999 10:41:14 EST
From: K2UD@aol.com

To: qrp-1@lehigh.edu
Subject: [37239] Re: Vacuum Variable question
Message-ID: <a5226b5d.2437909a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

If a shorted condition is NOT a normal condition for a vacuum variable, I know some kilowatt pilots who should be using the ones that do short! Let me know how many of these I can get my greedy little paws on.

72

Howard Kraus, K2UD

Date: Sat, 3 Apr 1999 10:44:21 -0500
From: "Shannon Dew" <s.dew@worldnet.att.net>
To: <qrp-1@lehigh.edu>
Subject: [37240] WTB: Unbuilt kit or two
Message-ID: <000b01be7de8\$da4210c0\$e5b9fcd0@108175129worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all,
I'm looking for my first kit and was wondering if anyone had an unbuilt 30M or 40M QRP kit for sale? Looking for something along the lines of a 38s, OHR-100a, SW-30/40+, etc. I tried to get in on the 38s for sale earlier but got no reply. If anyone can help me out I would appreciate it.

Shannon
KB0JKW/4

Date: Sat, 3 Apr 1999 10:50:55 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-1@Lehigh.EDU>, G-QRP Club E-mail Reflector <gqrp@onelist.com>
Cc: Dave Johnson KnightLite QRP Club <klqrp@waterw.com>

Subject: [37241] 2 WAY QRPP NC Core Banks to DL(Was Re: distance)
Message-ID: <Pine.BSI.3.96.990403103748.2262B-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just thought that I would add my congratulations to all who participated in the Core Banks Expedition on the Last Week of March.

TWO WAY QRPP Across the pond on 80 Meters is something to be proud of whether it is the first time or not.

I would encourage you fellows to Apply for the QRP ARCI Thousand Miles Per Watt Award. Information can be found on the QRP ARCI WEB PAGE.

<<http://www.qrparci.org>> or Contact Steve Slavsky, N4EUK directly at <radioham@erols.com>

Also we hope that someone will write up the event and send the copy to QRP ARCI Quarterly Editor, N2APB. I am sure that many of the QRP Community would like to hear about the adventure.

Sir George, The First :^)

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Notary Public and Locksmith Services
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301)572-6789
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

On Sat, 3 Apr 1999, David W. Johnson wrote:

> Good idea on the miles-per-watt award,
>
> BUT
>
> Chuck Adams is no longer the QRP ARCI Awards Manager.
>
> Please direct all QRP ARCI award applications to Steve Slavsky.
> You can find his contact information on the QRP ARCI web site
> (<http://www.qrparci.org>, then hit the link for "Contacts: Questions,
> Input", but here it is too:
>

> Steve Slavsky, N4EUK; 12405 Kings Lake Drive, Reston, VA 20191-1611.
> radioham@erols.com
>
>
> Dave WA4NID
> KnightLites (and QRP ARCI Membership Chairman and website manager)
>
> -----Original Message-----
> From: Bob Kellogg <ae4ic@nr.infi.net>
> To: Michael <mike.mhe@t-online.de>
> Cc: LYN <designserv@ipass.net>; klqrp@waterw.com <klqrp@waterw.com>
> Date: Friday, April 02, 1999 10:56 PM
> Subject: Re: distance
>
>
> >Mike and Lyn,
> >
> >You guys should send this info to Chuck Adams of ARCI to recieve the
> >miles per watt award.
> >
> >Michael wrote:
> >
> >> >..computes to be 4240 statute miles or 6822 kilometers.
> >> >
> >> >This translates to 16,960 miles per watt for a 250 mW signal.
> >> >
> >> Or 27.271 Km per watt, if I calculate right with a factor of 1.608
> >> >
> >> >Personally, I'm proud of it, whether it is a world record or not!
> >> >
> >> Yes, agree. What a number!
> >
> >
> >72/73,
> >Bob Kellogg, AE4IC, Greensboro, NC
> >Prolably, not Nececelery, - Benny Hill

Date: Sat, 3 Apr 1999 10:51:51 -0500
From: "Josh Gould" <kc8eqa@columbus.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [37242] Hello
Message-ID: <016001be7de9\$e41843c0\$417b5d18@jgserver.columbus.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

All,

Just wanted to say that I'm on the list and currently hold a Tech license under the call of KC8EQA.

73
Josh
KC8EQA

Date: Sat, 3 Apr 1999 11:01:07 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>, G-QRP Club E-mail Reflector <gqrp@onelist.com>, Dave Johnson KnightLite QRP Club <klqrp@waterw.com>
Cc: Steve Slavsky <radioham@erols.com>
Subject: [37243] Corrected Email Address
Message-ID: <Pine.BSI.3.96.990403105605.3885B-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Sorry, I gave the wrong address for the New QRP ARCI Awards Chairman Steve Slavsky, N4EUK. The correct email address is <radioham@erols.com>

His Mailing address is Steve Slavsky, N4EUK 12405 Kings Lake Drive,
Reston, VA 20191-1611

The QRP ARCI Web Page is <<http://www.qrparci.org>>

Sir George, The First :^)

72 ES
QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Notary Public and Locksmith Services
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301)572-6789
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Date: Sat, 03 Apr 1999 10:04:09 -0600
From: "Ross S. Crossland" <rossgolf@flash.net>
To: lprzyski@erols.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [37244] Re: Missing 180K resistors, the answer
Message-ID: <37063BF9.3347@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ditto!

Ross
W5NV

Larry Przyborowski wrote:

> Hi Doug. Thanks for the resistor kit- I received it today. Looks FB, es I
> for one don't care about missing 180K resistors. I appreciate the fine job
> you've done in packaging and offering this fine kit.
> And hats off to whomever else helped you!
>
> 72 de Larry - K3PEG

Date: Sat, 3 Apr 1999 08:08:30 -0800
From: "Gary Ingram" <kb7fci@cdsnet.net>
To: <kc8eqa@columbus.rr.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [37245] Re: Hello
Message-ID: <002501be7dec\$37ed3940\$d2841ad0@GaryIngram>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Welcome Josh

Gary Ingram
Merlin, Oregon
<http://home.cdsnet.net/~kb7fci/>
-----Original Message-----
From: Josh Gould <kc8eqa@columbus.rr.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Saturday, April 03, 1999 8:01 AM
Subject: Hello

>All,
>
>Just wanted to say that I'm on the list and currently hold a Tech license
>under the call of KC8EQA.
>
>73
>Josh
>KC8EQA
>
>

Date: Sat, 3 Apr 1999 08:31:32 -0800
From: "Bill Todd" <bill@willapabay.org>
To: <wb3aal@talon.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [37246] Re: Solar Station
Message-ID: <004a01be7def\$722c1560\$c3added1@bill>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>Hello Everyone,
>
> Does anyone on the list have their entire station
>running off of batteries being charged by solar cells?

Hello Ron (and group)-

Bill, N7MOB has been 100% solar for many years, and can give you a great deal of practical advice as to what you really need to get started. Bill is on vacation in Hawaii this week, but should be available to give you a few hints.

His e-mail address is:
William.Bowes@PSS.Boeing.com

CUL, Bill-N7MFB
"QRP Forever"

Date: Sat, 03 Apr 1999 11:44:21 EST
From: Dean W Manley <kh6b@juno.com>
To: qrp-1@lehigh.edu
Cc: kh6b@juno.com
Subject: [37247] Re: NON-SKID PADDLE PAD
Message-ID: <19990403.064453.5391.1.kh6b@juno.com>

Group using paddles, bugs, keys and keyers:

At a previous location, many years ago in a land
called Michigan: I drilled holes in the table top
and bolted the key down. I worked and I was happy.
But, my father wasn't happy. It was his table!

Dean KH6B
Hilo Hawaii

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 3 Apr 1999 08:58:52 -0800
From: Dave Barrett <DBarrett@creo.com>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Cc: Dave Barrett <DBarrett@creo.com>
Subject: [37248] Laser Beam Dipole / Fact or Fantasy ??
Message-ID: <CE0A40BFE0CDD111A2B800A0C99B83EB013136CB@msgcreo2.creo.bc.ca>
MIME-Version: 1.0
Content-Type: text/plain

Hi All

Well, being a Laser Jock, (I work with lasers all day long.....34 of
them to be precise,) I just had to jump in there with a thought or two

Maybe these fellows who are getting us all going here with comments about
uninsulated laser beams and the like are not really so far off the mark.

If one was to take a laser beam and fire it off suitably aimed via prisms or
cheap surface coated mirrors (same as in your 35mm SLR camera's, just rip it
out of the mirror box for the experiment :-)......One could probably
ionize the air molecules with suitable power levels creating a "rod" of

ionized particles that if modulated with your favorite mode may indeed radiate. If we were to arrange beam splitters and more prisms we could tap off some light and utilize it to provide reflectors and deflectors spaced of course at suitable distances to attain your required band of choice, one would of course have to filter out any of the original modulation by the surreptitious usage of polarized filters. One could conceivably utilize a couple of El cheapo laser pointers to facilitate this fete with the length of the "elements" being controlled by the collimating lenses directly in front of the diodes, one could use cheap (typically \$1) lenses from old discarded CD players..... with the use of such the above focusing lenses the effective length of the radiating elements can be very tightly controlled (typically to within 1 or 2 microns (those outdated / unused units of measurement we read about earlier this week :-)) Anyway by this method we'd be able to control element length so precisely that match / impedance seen by the transmission line / transmitter would be exactly 50 ohms so we'd get maximum up and out the spout so to speak..... The simplest method of modulating said beams would be to series couple an audio transformer into the power supply line of the diode.

Well, as someone said yesterday of the fellows who suggested this concept.....we must have too much time on our hands :-)

Have a great Easter weekend all.....and remember when this all came about was indeed April 1

This is a great list and filled with neat fun lovi'n folks!

Dave

VE7PCC Vancouver BC Canada

(Recumbent Builder Extrodinaire)

Date: Sat, 3 Apr 1999 09:01:14 -0800 (PST)
From: Jim NOUR <n0ur@yahoo.com>
To: QRP-L QRP-L <qrp-l@Lehigh.EDU>
Subject: [37249] DON'T FORGET! QRP ARCI TEST NEXT WEEKEND
Message-ID: <19990403170114.22673.rocketmail@send204.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

With all the chatter about QRPTTF, NC20 and K2's on the list, I see nothing about next weekends contest.

This one was my first, and still my favorite contest. The Spring QSO Party usually has a good turnout. So get on, if only for a few contacts and try out that new rig or antenna.

I could not find info on the net for this contest, but
QST (April '99) and the last Quarterly should have it.

72's es cu on the air!

Jim, N0UR

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Sat, 3 Apr 1999 10:00:30 -0700
From: Gary L Surrency <gsurrency@juno.com>
To: qrp-1@lehigh.edu
Subject: [37250] NC20 tips
Message-ID: <19990403.100222.-125159.1.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

Dave Fifield's AGC mods works very well. For those of you who haven't
tried it yet, please do. Practically all of the popping on strong signals
is gone now, and the AGC approaches the best behavior of any
audio-derived AGC systems I've heard.

One or two things have been observed by me though, that I should mention
in case you encounter them.

My prototype rig began to "whoop" on key-up when the power output was at
5 watts, slightly over 5 watts, or if the antenna was a little
off-resonance. At first this was very difficult to find, but eventually I
narrowed it down to overloading of the NE602 at U4. The strong RF signal
from the TX was making it into the RX RF amp at Q5, and coming through
the IF filter strong enough to clobber the NE602 - which we all know is
not very forgiving to overloading. The AGC voltage was acting properly,
there was just too much TX signal to deal with.

I had looked for bad diodes at D5-D8, and open decoupling caps. Also, I
looked for poor muting of the RX during TX, and faulty AGC action (more

about the muting and AGC later). But none of these things seemed to be responsible for the whooping at key-up. Hmmm.

I discovered the problem after reducing the RF gain a bit, or by detuning any of the signal path circuitry with a fingertip. That was all that was needed to reduce the TX signal enough to stop the whoop on key-up. Adjusting the BFO trimmer would change the audio tone of the whoop, so that was a tip for where the whoop was coming from.

I solved this problem by re-installing D9 and all of its associated biasing resistors and the decoupling cap. I can reintroduce the whoop by shorting across D9 with a tool during TX, as this once again allows too much signal into the RX chain when D9 is disabled from its normal high impedance state in TX mode.

The new NC20 kit was not afflicted with this problem. Evidently, there is enough difference in the RF or IF signal paths, that the strong TX signal does not clobber the NE602 product detector. Both rigs seem to be equal in sensitivity, but the prototype has always seemed to be a little better in performance. That is probably due to all of the work I've done on it during the development and testing phase of the NC20 project. Whatever.....

So you may want to leave the pin diode at D9 in the RF stage to prevent such a problem from occurring in your rig. It does not seem to adversely affect the AGC or RX sensitivity from my tests. This can be observed by temporarily shorting it out in RX when listening to a weak signal. I didn't hear any improvement.

On another topic:

I have noticed that some of the 2N3904's used for muting the rig have saturation levels that are rather poor. This was reported by some builders as a higher voltage reading at Q19 and/or Q20 's collector. Some of the ones I had were only clamping the collector at 70-250 millivolts. I like to see this go down closer to zero volts, but I'm probably too critical. ;-)

I searched the transistor box I keep for some better candidates and found some 2N3904's that would clamp their collector's down to 13-15 millivolts. This assures the keying is fast and clean at Q19, and it also makes the AGC turn off the RX fast during TX. It seems some brands of 2N3904's do not saturate well. None of the Motorola devices would saturate as well (low Vce_Sat) as some of the Fairchild, Hyundai, or SGS Thompson transistors do. I'm not going to throw the Motorola's out tho', as they are high beta and do work well for amplifying circuits. ;-)

A similar observation was made for the 2N3906 at Q20. Some of them are

poor switches and will cause the TX to not key well, or will allow the RX to remain muted even when not transmitting. I subsequently used a MPS2907A in one rig, and a 2N4403 in the other one. NTE159's are even better, probably the best keying device I have ever seen.

I also had Q11 go bad during Dave's AGC mod change and had to replace it. I can't explain that, but it did happen. I thought U4 had gone bad, but replacing it did not help. The AGC voltage was not adjustable with VR5 until I changed Q11.

The 8 volt regulators from NTE seem to be very good ones, as the NTE981 I used in the new NC20 worked better than any of the 78L08's I had from other sources. There was no noticeable chirp with the NTE part. Get several when you go to the store in case I just got lucky. :-)

So watch out for faulty 2N3904's, 2N3906's, or 78L08's. Enjoy the AGC mod, and have fun with the rig. I'm on 20m daily with either the prototype or the new NC20 rig.

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

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Date: Sat, 3 Apr 1999 16:56:20 -0500
From: pmk@juno.com
To: qrp-l@lehigh.edu
Subject: [37251] NC/20 Gota love this rig
Message-ID: <19990403.170541.6814.1.pmk@juno.com>

Just finished my Norcal 20 and MAN it is one fine rig.
I had a few stumbling blocks but think it had to do with
mental block. The silk screen is a little small but very
legible (if one can see) My eyes must be going.

They thought of everything. RX pitch and TX offset
are really nice. They do not go hand in hand so if
one has another transceiver it is a real snap. I did
not try the self test.

AGC is a little tricky. I ended up setting last. It was set
on the bench but when I got it on the air there was just

a little to much attenuation. With trusty screwdriver in hand opened it up. Set all the RX trim caps on a weak station then set the AGC by ear.

I see why now they are going to call it a Red Hot Radio.

Well done Dave (AD6A)

72 de Patrick KD4OBQ

AR

<http://www.qsl.net/kd4obq/>
pmk@juno.com for faster service.

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 3 Apr 1999 12:10:41 -0500
From: "Todd Carpenter" <carpentt@citrine.indstate.edu>
To: "Tim and Aretta Gordish" <kb9lgj@leogate.kf9ug.ampr.org>
Cc: "qrp-L" <qrp-l@Lehigh.EDU>
Subject: [37252] Re: SW 30 and RTTY
Message-ID: <8BD8A145515@citrine.indstate.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

hmmm you pose an interesting question. I was only going to connect it to my tnc some how and do it that way. I am really not sure. it is beyond the scope of my knowledge. I will have to investigate that one. I was considering an MFJ 9420 w/ cw mod for this project, but i cant afford one. I can afford and sw30 though. let me know your thoughts on that one. Todd

> From: Tim and Aretta Gordish <kb9lgj@leogate.kf9ug.ampr.org>
> To: carpentt@citrine.indstate.edu
> Subject: Re: SW 30 and RTTY
> Date: Friday, April 02, 1999 10:22 PM
>
> Cool! what are you doing to make it work on FSK? I assume you detune it
> a
> bit, but what are the specifics? I have a SW40, that I would love to
> modify also. Currently I use a Cascade for packet, etc.

>
> TNX de Tim
>
>
> >Thanks for all the comments and recommendations on the SW30.
> >I forgot to ask if anyone was using theirs for RTTY. I have a portable
> >setup
> >I am assembling for RTTY. Any comments? Todd.
> >
> >
> >=====

> >Todd M. Carpenter, N9YSQ
> >President ISUARC
> >Member: WVARA, THRC, GQRP, INQRP, ARCI
>
>
> 73 de Tim
> KB9LGJ
>
> QRP-L #457 MN-QRP NORCAL FISTS AR-QRP
>

Date: Sat, 3 Apr 1999 19:14:57 +0200
From: hw.merz@t-online.de (Hanns W. Merz)
To: qrp-l@lehigh.edu
Subject: [37253] Re: AADE L/C meter
Message-ID: <m10TU0X-0003SIC@fwd02.btx.dtag.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8BIT
Content-Transfer-Encoding: 8BIT

Hi Steven

I agree to you in all points. I'm using a L/CII since abt two years. I must say it's really a very helpful tool for measuring capacitance AND inductance. If the inductance isn't exactly the same at the operating frequency as it is at the measurment frequency, the difference is really minimal and should be no problem in most cases.

By the way a very interesting experience I made was that the variation in the "mu" between cores is sometimes unexpected enormous! In one case I had a serious problem with a circuit which didn't work at all. I detected a total defective FT 37-61 which had almost NO mu (but no difference in the optical looking).

Hanns DK9NL

Steven Weber schrieb:

> Hi Lee,
>
> I respectfully beg to differ.
>
> I did an experiment with a fellow that owned a RF-1 meter. I wound a
> couple of T37-2 and T37-6 torroids and measured them with the L/CII
> meter.....

Date: Sat, 3 Apr 1999 19:33:18 +0200
From: hw.merz@t-online.de (Hanns W. Merz)
To: qrp-l@lehigh.edu
Subject: [37254] Re: HOFI (German) antenna switches
Message-ID: <m10TUII-0003HXC@fwd15.btx.dtag.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8BIT
Content-Transfer-Encoding: 8BIT

Hi Wes

If you cannot find an US dealer who has the switch or replacement parts, the address of the German factory is:

hofi Hochfrequenztechnik
Wittenbacher Strasse 12
D - 91614 Moenchsroth
Germany

Telephone: ++49 9853 1003
Telefax: ++49 9853 1005
e-mail: info@hofi.de
website: <http://www.hofi.de>

As I read in the latest CQ DL (our club magazine) hofi has overtaken the FRITZEL antenna factory but continues the trademark "Fritzel Antennas"

Good luck es 72
de Hanns DK9NL

Wes Spence schrieb:

> HELP!!!

> My prize HOFI low loss antenna switch died. Surgery revealed that the
> nylon piece between the moving part of the switch and the part that
> keeps the alignment right and provides the "click" is broken. Are there
> any other HOFI users on the list that knows where I can get replacement
> parts? The switch was made in Germany, and is a really well built piece
> of work. I was saving my pennys for another one. Please help!!!

>

> 72, Wes Spence AC5K

Date: Sat, 3 Apr 1999 12:23:17 -0600 (CST)

From: Bruce Rattray <rattray@gpfn.sk.ca>

To: Earl Murphy <earlmurf@telusplanet.net>, Low Power Group <qrp-l@LeHigh.EDU>, QRP-Canada <qrp-canada@lists.gpfn.sk.ca>

Subject: [37255] Spring Bouquet - April 3/99

Message-ID: <Pine.LNX.3.95.990403120811.7578A-1000000@neale.gpfn.sk.ca>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Got on about 1620Z.....a plumbing emergency got in the way today...HI
HI...so my starting at 1600Z went "down the drain" you might say... :-)
...apparently we've had some solar storms and thus the poor conditions...
anyway here's the log for Saturday morning....

#1 - 14.285 - KI0II - Ron - C0 - 1648Z - 44 -

#2 - 14.285 - N1JO - Jeff - IL - 1718Z - 55 -

#3 - 14.285 - K1QM - tough cpy - MA - 1730Z - 11 -

** - had to slip down a bit due to an SP9 station that appeared on freq
doing a contest as propagation started to change - **

#4 - 14.285 - KC1HX - Mike - NH - 1733Z - 55 -

#5 - 21.385 - VE9GM - Glen - NB - 1736Z - 57 - QRP-C#93 -

#6 - 21.385 - VE1NS - Doug - NS - 1747Z - 44 -

#7 - 21.385 - K4GZZ - Karl - GA - 1750Z - 55 - Karl's 4 weeks into qrp and
having a ball with an MFJ-9040.

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272

A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan. Canada
"QRP! How sweet it is!"

Date: Sat, 03 Apr 1999 08:27:56 -1000
From: "Art Neilson, KH7PZ" <art@hawaii.rr.com>
To: qrp-1@lehigh.edu
Subject: [37256] Weller WTCPT
Message-ID: <3.0.6.32.19990403082756.00876d00@pop-server>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi folks, I've been lurking here a while and decided to start speaking up as I have a bunch of questions. I recently purchased the Weller WTCPT soldering station from Wassco and was wondering how one relates the temperature to wattage. For example, I have a 25 watt iron from radio shack. How does that compare to the Weller in regards to temperature? Is the 25 watt iron hotter or colder than the 700 degree tip that comes with the Weller WTCPT? What is the best temperature to use when soldering small parts (non-SMT) onto a PCB?

Date: Sat, 03 Apr 1999 13:41:37 EST
From: Richard Rood <fcsww@juno.com>
To: bensondj@AOL.COM, qrp-1@lehigh.edu
Subject: [37257] sw30+
Message-ID: <19990403.134134.5351.1.fcsww@juno.com>

Following is to qrp-1 &
"over my shoulder"
for what it's worth.

Dave OM,

Finally got the garage shop warm enough to do the job & completed my sw30+ which you sent me about a month ago. It went together great and is on the air. I get about 2.25 watts out with a 12.5 v gel cell. Power pot is up about 2/3. (Higher causes it to go unstable.) She tunes from 10096 to 10133

with no cap at all in C7.
My own ears on local rcvr and
"on air" reports say that it
sounds sweet and keys cleanly.
One thing could be better:
T2 peaks mid range somewhere but
T3 "peaks" with the slug up
against the can. I feel I could
"tweak" a bit more out of it
but she's tight up against the
can. Thought about adding some
pf to unpopulated C32 but didn't
want to spoil the performance
which I already have. I'd appreciate
your comments when you get the
time. Meanwhile I'll enjoy the
little rig for what it is; and
that's a great deal. Thanks
very much for it.

Dick, W2SCF
fcsww@juno.com
qrp-l 1613

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Date: Sat, 03 Apr 1999 08:41:52 -1000
From: "Art Neilson, KH7PZ" <art@hawaii.rr.com>
To: qrp-l@lehigh.edu
Subject: [37258] Tone Test
Message-ID: <3.0.6.32.19990403084152.00869270@pop-server>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I recently picked up a Tek 7603 frame and bought the plugins for it
so I now have a cool scope to perform measurements on my rig with.
I have a Bird RF sampler inline with a dummy load on the rear of my
Yaesu FT-840 rig and am running the sample into CH1 of my vert amp
in the scope. I can really see a big difference with the rig's
processor on and off when I whistle into the mike. I'd like to
inject a more constant audio tone than my whistle :) into the
mike input. I do have an audio oscillator I picked up at an auction
however I'm not sure how to get the audio signal into the rig.

The Yaesu FT-840 has phono jacks on the rear for PTT and EXT ALC,
will the PTT work?

Date: Sat, 03 Apr 1999 12:59:29 -0600
From: Terry Bassett <mutabut@net66.com>
To: Qrp-L@Lehigh.EDU
Subject: [37259] Re: Laser beam dipole
Message-ID: <3.0.6.32.19990403125929.007a87a0@net66.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:31 PM 4/2/99, you wrote:

> I don't know how we'd wind a laser beam into a coil to produce traps to
make a tri-band beam.

>

>

>Mike N5BGZ

>

How about Fiber Optic cable for a coil?

72,

Terry KA9TXE, East Central Illinois

A word after a word after a word is power. Margaret Atwood, "True Stories"

Date: Sat, 3 Apr 1999 21:21:45 +0200
From: "Peter Zenker" <Peter_DL2FI@csi.com>
To: "'QRP-L via PoP3'" <qrp-l@lehigh.edu>
Subject: [37260] How to tune a GAP Titan, need help
Message-ID: <000301be7e07\$5c751380\$d32ae8c3@zenkerpn>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello fellow QRPers. I installed a GAP Titan 3meter above ground in the
garden area of my little summerhouse two days ago. I am surprised, how well
it is matched at most bands, but want to tweak some other bands. The manual
gives absolute no information what part of the antenna is for what band
except the counterpoise wire for 40meter band.

here what I found;

SWR 2	best	SWR2
3516	3570 (1,2)	3640
6999	7072 (1,5)	7150
9671	10042	10258
12450	14060 (1,0)	14840 ??? double checked, unbelievable
bandwith		
21198	21400 (1,3)	21844
24567	24716 (1,3)	25077
28050	29000 (1,3)	29900 (1,7)

I would like the tune 21000 ans 28000 a little bit more into the CW area.
But how???

any help appreciated

72 de Peter, DL2FI

Date: Sat, 3 Apr 1999 14:46:37 -0500
From: "Vincent Ferme" <vferme@sprint.ca>
To: <qrp-l@lehigh.edu>
Subject: [37261] HP Educator's Corner website.
Message-ID: <000701be7e0a\$b1295000\$543167d1@vince>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Group,

HP has a site called Educator's Corner which "contains a wide variety of tools and teaching materials". The URL is www.hp.com/info/college_lab105. I received the CD compilation of this site today, it's dated March'99 and looks interesting. The CD is free....well, *I* didn't pay for it.

I have no connection with HP, other than probably being on their mailing list now. :))

73 de Vince, VE3VFN.

Date: Sat, 3 Apr 1999 13:46:43 -0600
From: "Chuckee" <cdhamel@pdq.net>
To: "QRP-L Mailing List" <qrp-l@Lehigh.EDU>
Subject: [37262] Multimeter
Message-ID: <006901be7e0a\$b5092240\$861890d1@charles>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I am just getting started in kit building, and I am collecting the tools that I need,
as far as I understand I need a soldering iron (of course), screwdrivers, small pliers,
wire cutter, and a digital multimeter.

On the subject of multimeters, which one do I need?? Cheapest I can get by with !! and is there any other tools I need??

Thanks

Charles

Date: Sat, 3 Apr 1999 13:11:53 -0700
From: Tim Pettibone <tpettibo@NMSU.Edu>
To: qrp-l@lehigh.edu
Cc: kc5evr@juno.com
Subject: [37263] 10m rig?
Message-ID: <199904032011.NAA77830@nestor.NMSU.Edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang:

I have a friend who is planning a bike trip next summer. He already mobiles with a dual bander VHF/UHF rig but would like to try some 10m SSB on his bike. Naturally, he would like a small rig, low current draw, etc. but realizes that he'll have to compromise. Any suggestions as to where to

point him? If you have ideas or if you have an appropriate rig for sale I'd appreciate you letting him know at:

kc5evr@juno.com

Thanks.

Tim K50I
Las Cruces, NM
QRP-L # 73

Date: Sat, 3 Apr 1999 15:49:31 EST
From: Airframe68@aol.com
To: qrp-l@lehigh.edu
Subject: [37264] Wtb:6 mtr qrp
Message-ID: <d5861b6b.2437d8db@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Guys,
I want to buy a kit or project 6 mtr qrp rig to build a 50 mhz beacon?
Any info or ideas would be great!

Thanks,
Robert KC5RYI

Date: Sat, 3 Apr 1999 13:47:55 -0800 (PST)
From: Paul Erickson <paule@sfu.ca>
To: mike.harris@horizon.co.fk (Michael Harris)
Cc: qrp-l@lehigh.edu (qrp)
Subject: [37265] [CQ-Contest] Fwd: 40m single letter beacons (fwd)
Message-ID: <199904032147.NAA21881@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Michael,

Bill posted this on the contest reflector some time ago.

>

>
> C Moscow 7039.1
> F Vladivostok 7038.4
> P Kaliningrad 7038.8
> S Archangel 7039
>
> and our old favorite
>
> V Tashkent 7002.0
>
> >From Jeff K00D forwarded to me by John R. Golomb <kz2s@exit109.com>
>
>
> Bill Fisher, W4AN (EX KM9P)
> <http://www.contesting.com>

Date: Sat, 03 Apr 1999 17:14:58 -0500
From: "Kenneth W. Evans" <w4du@bellsouth.net>
To: jhenshaw@bellsouth.net, QRP List <qrp-l@Lehigh.EDU>
Cc: Phil Specht <k4pqc@bellsouth.net>, Specht Phil <specht.phil@cellemetry.com>
Subject: [37266] FDIIM Tickets
Message-ID: <370692E2.2CC98E00@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jerry & Gang,
There will be no "tickets" sent. Your confirmation will be sent via
SASE (if you sent one to Phil), also we will post the list to the QRP
ARCI web page and QRP-l periodically. I talked to Phil today and he is
in the process of sending confirms out via SASE.

You will check in at the registration desk with your name & call.
Ken
W4DU

Date: Sat, 3 Apr 1999 17:29:43 -0500
From: "Tim Cook" <timcook@erinet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [37267] Last Try --- Trade 30M for 40M
Message-ID: <01cb01be7e21\$790a6ee0\$88705acf@timcook.erinet.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I recently purchased an unbuilt OHR-100A 30M version for a single band qrp setup in the camper. I have decided that I would rather have the 40M version and would like to trade the unbuilt OHR-100A 30m version for a OHR-100A 40m version (built or unbuilt) . I might consider other OHR 40M rig, but prefer the 100A.

Thanks
Tim
NZ8J

Date: Sat, 03 Apr 1999 14:47:47 -0800
From: Jim Lowman <jmlowman@ix.netcom.com>
To: qrp-l@lehigh.edu
Subject: [37268] Recommendation for DMM?
Message-ID: <4.1.19990403140631.009979b0@ix.netcom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

I'm about to embark on the mission of assembling my Sierra. Yesterday I ordered a K2 kit, and the e-mail from Elecraft indicated that it would be approximately eight weeks before shipment.

Since my shack is lacking in test equipment, and since both the Sierra and K2 kits require a DMM for alignment and troubleshooting after assembly, I'm looking for your ideas on which DMM to buy.

Since this DMM should go for the long run, I don't mind spending a few extra bucks to get a good one but, naturally, I don't want to overspend. Other than alignment and troubleshooting, something for general use around the shack and bench is adequate.

It would be a plus to get a DMM that would also do L/C measurements, since I am a novice at winding toroids, although I'm not opposed to buying a separate L/C meter.

I would appreciate any suggestions, with possible sources. On the way home from breakfast this morning, I stopped at the local electronics store in Riverside and found some nice ones, but the prices probably could be beat at TechAmerica.

Thanks in advance and 72 de Jim - AD6CW

Date: 3 Apr 1999 15:59:38 -0700
From: W0rw@kktv.com
To: qrp-1@lehigh.edu
Subject: [37269] Sierra Latch Mod
Message-ID: <199904032259.RAA62240@nss4.cc.Lehigh.EDU>

i got rid of my Sierra cover latches....
The Sierra is always being opened to change band modules, so i took the plastic cover latches off and replaced them with magnetic latches.
i took an old hard drive apart and got the rare earth magnets out and broke them into appropriate sizes (1/2 inch square).
Then i epoxied them to the inside panel, front and back, about an 1/16 of an inch from the top of the cover.
Then i epoxied 2 small steel bars (all of the chassis is aluminum) to the top cover to mate with the magnets.
The magnets can not be placed on the sides because of the magnetic disturbance to L7.
Works great....
72 Paul,
de w0rw

to: INT:ppraanet@qth.net
cc: INT:cqc@mtechnologies.com
INT:qrp-1@lehigh.edu
kg5n

Date: Sat, 03 Apr 1999 04:06:14 -0700
From: Roy <marion@montana.com>
To: <qrp-1@Lehigh.EDU>
Subject: [37270] NC40 mods
Message-ID: <199904032314.QAA20485@mail.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I recently got a NC40 up and running. Now I am looking for the mods.

Thanks in advance. Roy AB7CE

Date: Sat, 03 Apr 1999 18:39:13 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: Earl Murphy <earlmurf@telusplanet.net>, "qrp-canada@lists.gpfn.sk.ca" <qrp-canada@lists.gpfn.sk.ca>, qrp-l <qrp-l@Lehigh.EDU>
Subject: [37271] Tonights(April 04/99Z)Spring Bouquet Scedule for VE3FAL
Message-ID: <3706A6A0.D98AA2EB@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well folks gonna try it again tonight...I will be on 3.560+/- from 02:30 -03:00z. Then I will go to 7.042+/- from 03:00 -? Z.....Hope to let a few more of you get those flowers for thatr bouquet..Good Luck..
73 de Fred
VE3FAL
You can do so much with so little...

Date: Sat, 03 Apr 1999 18:55:56 -0500
From: "Hugo W. Catta" <hugo@banet.net>
To: jmlowman@ix.netcom.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [37272] Re: Recommendation for DMM?
Message-ID: <3706AA8B.B6FE193F@banet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim Lowman wrote:

> Gang,
>snip.....

> Since my shack is lacking in test equipment, and since both
> the Sierra and K2 kits require a DMM for alignment and
> troubleshooting after assembly, I'm looking for your ideas on
> which DMM to buy.

>
> Since this DMM should go for the long run, I don't mind
> spendinverspend. Other than alignment and troubleshooting, something
> for general use around the shack and bench is adequate.
> ince I am a novice at winding toroids, although I'm not opposed to
> buying a separate L/C meter.
>
>snip.....

Jim:

My idea of a GP DMM is ergonomics.

Look for the ones with an angle support of some kind. Mine does not have one and I managed to heat and bend clear plexiglass to make a nice 45 degrees stand. I use velcro to hold it to the stand. Look for the auto-range type and buy a box of spare fuses (most DMMs have an easy to replace fuse inside to prevent guys like me from buying more than one DMM). You blow them when trying to measure voltage in the Ohms setting or currents beyond the scale.

Almost all DMMs in the market are more than adequate for the job you mentioned, but if you have the money... go for a Fluke 87 (near 400 buxs new, it's a beauty and fast too) and that will be the last meter you'll buy. Another idea is having two of them; one cheapo for the field but with a 3 1/2 digit accuracy, (Rat Shack variety), and another with true rms capability and 4 1/2 digit like the Fluke. Don't fall for the RadioShack (and others), with capacitance meter. The range of measurement and accuracy are poor. Better build a separate L/C circuit (see ARRL newer Handbooks), to go with your DMM. Also you will need an RF probe, easy to build from any edition of the Handbook. Buy good quality test leads (Mouser Electronics have some). Get at least one set needle nose type and another with little retractile hooks. Also get a bag of aligator clip jumpers cables of several colours. You will use them with the DMM as well as in other million situations

To measure L in toroids I rather use a jeweler loupe..... the main problem with them is over-shoot or fall short in turns..... not difference in core permeability :-).

Amidon has very accurate tables.

Remember: Always wind "rightie" not "leftie". most PCBs have the holes set that way.

Good Luck

72 es 73 de

Hugo

CX9AAK/W2

End of QRP-L Digest 1415
